

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000032**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 18-Dec-2006**Location:** Changxing Island, Shanghai, China

**Submittals(New / Total):**      **CWR's:** 0 / 0      **HSR's:** 0 / 0      **NCR's:** 0 / 0

Item	Title	Detail
1	Major component movement	<p>Reviewed RT film for PQR 1G Gas Metal Arc Welding (GMAW) procedure test, HP-2006119-6 - the film appears to comply although porosity was noted throughout.</p> <p>Conducted welding of the following PQR test plates:</p> <p>1G Flux Core Arc Welding (FCAW) procedure identified as HP-2006107-8 using Hyundai Supercored 71H electrode to AWS D1.5, Section 5.13 (Production Procedure), note although ZPMC has already qualified a FCAW procedure with this electrode in the 1G position, they decided to run another test to increase the heat input of the procedure.</p> <p>1F Submerged Arc Welding (SAW) procedure identified as HP-2006115 on 25mm thick HPS 485W material.</p>
2	Other important observations	Performed random observations of machining operations on 1G GMAW procedure, HP-2006119-6.
3	Quality Assurance Inspectors per shift	1 AM 0 PM

**Inspected By:** McClary,David

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer